

| | Type | Hits | Search Text | DBs | Time Stamp |
|----|------|------|---|--|---------------------|
| 1 | BRS | 327 | bubbler with precursor\$1 and (CVD or chemical adj vapor adj deposit\$5 or ald or atomic adj layer adj deposit\$5) | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/07 10:18 |
| 2 | BRS | 2501 | precursor\$1 with (CVD or chemical adj vapor adj deposit\$5 or ald or atomic adj layer adj deposit\$5) | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/01 14:25 |
| 3 | BRS | 7 | bubbler with organometallic adj precursor\$1 and (CVD or chemical adj vapor adj deposit\$5 or ald or atomic adj layer adj deposit\$5) | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/01 14:30 |
| 4 | BRS | 50 | organometallic adj precursor and hydride | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/01 14:37 |
| 5 | BRS | 7 | organometallic adj precursor with hydride | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/01 14:42 |
| 6 | BRS | 35 | ligand\$1 with organometallic with hydride | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/01 15:04 |
| 7 | BRS | 4351 | ligand\$1 near2 (coordin\$8 or associat\$8) | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/01 15:06 |
| 8 | BRS | 780 | ligand\$1 near2 (coordin\$8 or associat\$8) and (organometallic) | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/01 15:08 |
| 9 | BRS | 96 | ligand\$1 near2 (coordin\$8 or associat\$8) with (organometallic) | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/01 16:39 |
| 10 | BRS | 21 | pentane and (ligand\$1 near2 (coordin\$8 or associat\$8) with (organometallic)) | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/01 16:23 |
| 11 | BRS | 0 | methylamine adj alane | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/01 16:26 |
| 12 | BRS | 62 | trimethylamine adj alane | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/01 16:37 |

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|----|------|-------|--|--|---------------------|
| 13 | BRS | 366 | bubbler with (solvent\$1 or dissolv\$3 or inert adj liquid\$1 or diluent\$1) | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/02 11:57 |
| 14 | BRS | 0 | ligand\$1 near2 (coordin\$8 or associat\$8) with (organometallic) and (bubbler with (solvent\$1 or dissolv\$3 or inert adj liquid\$1 or diluent\$1)) | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/01 16:39 |
| 15 | BRS | 9 | (ligand\$1 near2 (coordin\$8 or associat\$8)) and (bubbler with (solvent\$1 or dissolv\$3 or inert adj liquid\$1 or diluent\$1)) | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/02 11:42 |
| 16 | BRS | 0 | buchanon.in. with douglas. and international.as. | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/02 11:43 |
| 17 | BRS | 0 | buchanon.in. with douglas.in. and international.as. | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/02 11:43 |
| 18 | BRS | 7 | buchanan.in. with douglas.in. and international.as. | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/02 11:44 |
| 19 | BRS | 11 | deborah.in. with neumayer.in. and international.as. | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/02 11:54 |
| 20 | BRS | 1 | bubbler with (solvent\$1 or dissolv\$3 or inert adj liquid\$1 or diluent\$1) and ((alkane or pentane or hexane or heptane or octane or nonane or decane) with \$methylamine) | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/02 13:21 |
| 21 | BRS | 21318 | ((alkane or pentane or hexane or heptane or octane or nonane or decane) with dimethylamine or diethylamine) | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/02 13:24 |
| 22 | BRS | 137 | ((alkane or pentane or hexane or heptane or octane or nonane or decane) with dimethylamine or diethylamine)) and (cvd or chemical adj vapor adj deposit\$4) | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/02 13:24 |

| | Type | Hits | Search Text | DBs | Time Stamp |
|----|------|------|---|--|---------------------|
| 23 | BRS | 793 | (alkane or pentane or hexane or heptane or octane or nonane or decane) with (dimethylamine or diethylamine) | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/02 13:27 |
| 24 | BRS | 9 | ((alkane or pentane or hexane or heptane or octane or nonane or decane) with (dimethylamine or diethylamine)) and (cvd or chemical adj vapor adj deposit\$4) | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/02 13:35 |
| 25 | BRS | 0 | (alkane or pentane or hexane or heptane or octane or nonane or decane) with (dimethylamine or diethylamine) and (TDMAT OR TMAT) | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/02 13:30 |
| 26 | BRS | 2353 | (dimethyl or di-methyl or diethyl or di-ethyl or diisobutyl or di-isobutyl) adj (B or Al or Ga or in or as or sb or boron or aluminum or gallium or indium or arsenic or antimony) adj hydride | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/02 13:35 |
| 27 | BRS | 171 | ((dimethyl or di-methyl or diethyl or di-ethyl or diisobutyl or di-isobutyl) adj (B or Al or Ga or in or as or sb or boron or aluminum or gallium or indium or arsenic or antimony) adj hydride) and (cvd or chemical adj vapor adj deposit\$4) | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/07 13:20 |
| 28 | BRS | 256 | (cvd or chemical adj vapor adj deposit\$4) and precursor\$1 with (chelate\$5 or stabilize\$5 or (coordinate\$8 or associate\$8) adj ligand\$1) | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/02 13:49 |
| 29 | BRS | 29 | precursor with (cvd or chemical adj vapor adj deposit\$4) with (chelate\$5 or stabilize\$5 or (coordinate\$8 or associate\$8) adj ligand\$1) | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/02 14:03 |

| | Type | Hits | Search Text | DBs | Time Stamp |
|----|----------|------|---|--|---------------------|
| 30 | IS& R | 2 | ("5900279").PN. | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/02 14:03 |
| 31 | BRS | 1 | 5900279.URPN. | USPAT | 2002/04/02 14:03 |
| 32 | BRS | 20 | ((dimethyl or di-methyl or diethyl or di-ethyl or diisobutyl or di-isobutyl) adj (B or Al or Ga or in or as or sb or boron or aluminum or gallium or indium or arsenic or antimony) adj hydride) and (cvd or chemical adj vapor adj deposit\$4) and (solvent\$1 or precursor adj solution\$1) | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/05 09:37 |
| 33 | IS& R | 2 | ("5820664").PN. | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/03 10:45 |
| 34 | BRS | 2 | neat with precursor\$1 with solvent\$1 with (volume or vol) | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/03 12:07 |
| 35 | BRS | 72 | neat with precursor\$1 with solvent\$1 | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/03 10:48 |
| 36 | BRS | 0 | ((dimethyl or di-methyl or diethyl or di-ethyl or diisobutyl or di-isobutyl) adj (Al or aluminum) adj hydride) and (cvd or chemical adj vapor adj deposit\$4) and (solvent\$1 or precursor adj solution\$1) and (codeposit\$3 or co-deposit\$3) | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/03 11:51 |
| 37 | BRS | 1 | ((dimethyl or di-methyl or diethyl or di-ethyl or diisobutyl or di-isobutyl) adj (Al or aluminum) adj hydride) and (cvd or chemical adj vapor adj deposit\$4) \and (codeposit\$3 or co-deposit\$3) | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/03 11:51 |

| | Type | Hits | Search Text | DBs | Time Stamp |
|----|----------|------|---|--|---------------------|
| 38 | BRS | 1 | ((dimethyl or di-methyl or diethyl or di-ethyl or diisobutyl or di-isobutyl) adj (Al or aluminum) adj hydride) and (cvd or chemical adj vapor adj deposit\$4) and (codeposit\$3 or co-deposit\$3) | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/03 11:51 |
| 39 | BRS | 15 | precursor\$1 with inert near2 solvent\$1 and (CVD or chemical adj vapor adj deposition) | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/03 12:20 |
| 40 | BRS | 17 | low adj vapor adj pressure near2 solvent\$1 and (cvd or chemical adj vapor adj deposition) | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/03 12:22 |
| 41 | BRS | 28 | (distill\$3 or vaporiz\$3) near1 precursor same bubbler | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/03 14:49 |
| 42 | BRS | 373 | (distill\$3 or vaporiz\$3) near1 precursor | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/03 15:12 |
| 43 | BRS | 5 | (distill\$3 or vaporiz\$3) near1 precursor with volume | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/03 14:51 |
| 44 | BRS | 10 | (distill\$3 or vaporiz\$3) near1 precursor with ratio | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/03 15:12 |
| 45 | BRS | 31 | (distill\$3 or vaporiz\$3) near1 precursor adj composition | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/03 15:12 |
| 46 | IS& R | 2 | ("5916359").PN. | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/03 15:11 |
| 47 | BRS | 4 | (distill\$3 or vaporiz\$3) near1 precursor and solvent near2 volume | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/03 15:24 |
| 48 | BRS | 1 | (distill\$3 or vaporiz\$3) near1 precursor and solvent near2 (additive\$1 or adduct\$1) | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/03 15:26 |

| | Type | Hits | Search Text | DBs | Time Stamp |
|----|----------|------|--|--|---------------------|
| 49 | BRS | 23 | (distill\$3 or vaporiz\$3) nearl precursor and solvent with amine | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/03 15:57 |
| 50 | IS& R | 2 | ("5820664").PN. | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/03 15:57 |
| 51 | BRS | 34 | ((dimethyl or di-methyl or diethyl or di-ethyl or diisobutyl or di-isobutyl) adj (B or Al or Ga or in or as or sb or boron or aluminum or gallium or indium or arsenic or antimony) adj hydride) or DMAH) and (cvd or chemical adj vapor adj deposit\$4) and (solvent\$1 or precursor adj solution\$1) | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/05 09:41 |
| 52 | BRS | 56 | ((dimethyl or di-methyl or diethyl or di-ethyl or diisobutyl or di-isobutyl) adj (B or Al or Ga or in or as or sb or boron or aluminum or gallium or indium or arsenic or antimony) adj hydride) or DMAH or alane) and (cvd or chemical adj vapor adj deposit\$4) and (solvent\$1 or precursor adj solution\$1) | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/05 09:50 |
| 53 | BRS | 8 | ((dimethyl or di-methyl or diethyl or di-ethyl or diisobutyl or di-isobutyl) adj (B or Al or Ga or in or as or sb or boron or aluminum or gallium or indium or arsenic or antimony) adj hydride) or DMAH or alane) with (hexane or toluene) and (cvd or chemical adj vapor adj deposit\$4) | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/05 09:57 |
| 54 | BRS | 16 | (platinum or pt) with precursor with (solvent or viscosity or additive) and (cvd or chemical adj vapor adj deposition) | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/05 14:23 |

| | Type | Hits | Search Text | DBs | Time Stamp |
|----|------|------|---|--|---------------------|
| 55 | BRS | 117 | thd with precursor\$1 | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/05 14:31 |
| 56 | BRS | 124 | hfac with precursor\$1 | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/05 15:10 |
| 57 | BRS | 0 | slanticular | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/05 15:10 |
| 58 | BRS | 2 | slantic\$ | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/05 15:12 |
| 59 | BRS | 4 | slantindicular | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/05 15:45 |
| 60 | BRS | 50 | tetrahydroguran | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/05 15:45 |
| 61 | BRS | 607 | precursor\$1 with puls\$3 | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/07 13:20 |
| 62 | BRS | 38 | precursor\$1 with puls\$3 and (dram or trench adj capacitor\$1) | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/07 10:29 |
| 63 | BRS | 9 | precursor\$1 with puls\$3 with (reducing adj agent or hydrogen) | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/07 10:51 |
| 64 | BRS | 15 | precursor\$1 with puls\$3 same (reducing adj agent or hydrogen) | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/07 10:34 |
| 65 | BRS | 6 | (precursor\$1 with puls\$3 same (reducing adj agent or hydrogen)) not (precursor\$1 with puls\$3 with (reducing adj agent or hydrogen)) | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/07 10:34 |
| 66 | BRS | 1 | precursor\$1 with puls\$3 with nitriding | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/07 10:37 |

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|----|------|------|--|--|---------------------|
| 67 | BRS | 16 | precursor\$1 with puls\$3 with purge | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/07 12:38 |
| 68 | BRS | 35 | ferroelectric adj capacitor and tungsten adj plug | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/07 13:14 |
| 69 | BRS | 149 | ferroelectric adj (fet or field adj effect adj transistor\$1) | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/07 13:14 |
| 70 | BRS | 10 | ferroelectric adj (fet or field adj effect adj transistor\$1) and BST | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/07 13:16 |
| 71 | BRS | 25 | ferroelectric adj (fet or field adj effect adj transistor\$1) and SBT | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/07 13:16 |
| 72 | BRS | 171 | ((dimethyl or di-methyl or diethyl or di-ethyl or diisobutyl or di-isobutyl) adj (B or Al or Ga or in or as or sb or boron or aluminum or gallium or indium or arsenic or antimony) adj hydride) and (cvd or chemical adj vapor adj deposit\$4) | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/07 13:37 |
| 73 | BRS | 607 | precursor\$1 with puls\$3 | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/07 13:27 |
| 74 | BRS | 1 | ((((dimethyl or di-methyl or diethyl or di-ethyl or diisobutyl or di-isobutyl) adj (B or Al or Ga or in or as or sb or boron or aluminum or gallium or indium or arsenic or antimony) adj hydride) and (cvd or chemical adj vapor adj deposit\$4)) and (precursor\$1 with puls\$3) | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/07 13:25 |

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|----|------|------|--|--|---------------------|
| 75 | BRS | 50 | ((dimethyl or di-methyl or diethyl or di-ethyl or diisobutyl or di-isobutyl) adj (B or Al or Ga or in or as or sb or boron or aluminum or gallium or indium or arsenic or antimony) adj hydride) and (cvd or chemical adj vapor adj deposit\$4) with hydrogen | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/07 13:28 |
| 76 | BRS | 0 | precursor\$1 with puls\$3 and alcu | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/07 13:28 |
| 77 | BRS | 11 | ((dimethyl or di-methyl or diethyl or di-ethyl or diisobutyl or di-isobutyl) adj (B or Al or Ga or in or as or sb or boron or aluminum or gallium or indium or arsenic or antimony) adj hydride) and (cvd or chemical adj vapor adj deposit\$4) and alcu | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/07 13:34 |
| 78 | BRS | 1 | ((dimethyl or di-methyl or diethyl or di-ethyl or diisobutyl or di-isobutyl) adj (B or Al or Ga or in or as or sb or boron or aluminum or gallium or indium or arsenic or antimony) adj hydride) and (cvd or chemical adj vapor adj deposit\$4) with puls\$3 | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/07 13:35 |
| 79 | BRS | 1 | ((dimethyl or di-methyl or diethyl or di-ethyl or diisobutyl or di-isobutyl) adj (B or Al or Ga or in or as or sb or boron or aluminum or gallium or indium or arsenic or antimony) adj hydride) and (cvd or chemical adj vapor adj deposit\$4) with aluminum adj wiring | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/07 13:38 |

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|----|------|------|---|--|---------------------|
| 80 | BRS | 10 | ((dimethyl or di-methyl or diethyl or di-ethyl or diisobutyl or di-isobutyl) adj (B or Al or Ga or in or as or sb or boron or aluminum or gallium or indium or arsenic or antimony) adj hydride) and (cvd or chemical adj vapor adj deposit\$4) and aluminum adj wiring | USPAT; US-PGPUB; JPO; DERWENT | 2002/04/07 13:39 |